

## **3132 - SENIOR PLUMBING INSPECTOR**

### **NATURE OF WORK**

Highly responsible, administrative, supervisory, and technical work in enforcing compliance with applicable national, state, and local laws, codes, ordinances, and regulations through the inspection of new and existing plumbing installations and reviewing construction plans and specifications. Work includes office and field duties.

### **ILLUSTRATIVE EXAMPLES OF ESSENTIAL DUTIES**

Assigns, conducts or supervises technical field inspections of buildings, equipment, and installations during various phases of plumbing construction, installation, and operation.

Reviews plumbing installation plans, blueprints, specifications, and materials listed to determine compliance with applicable regulations and good building and construction practices, recommends approval or disapproval.

Acts as the Chief Plumbing Official in the absence of the Chief Plumbing Inspector.

Assigns and investigates reported and unreported hazards, possible safety problems, and violations of code.

Issues written warnings, notices of violations, and stop work orders

Issues permits and certifications dependent upon compliance with standards and assists applicants in completing necessary forms

Interprets and explains regulations and standards and disseminates technical advice to interested parties including subordinates, other sections and agencies, and the public.

Recommends methods, materials, equipment and alterations to assist in compliance with accepted standard.

Determines acceptability of qualifications of plumbing contractors

Testifies in court and before related boards; obtains documentation; and prepares testimony.

Prepares and maintains reports, records and correspondence concerning plumbing code enforcement and inspection activities.

Performs related work as required

### **KNOWLEDGE, SKILLS AND ABILITIES**

Thorough knowledge of national, state, and local laws, codes, ordinances, and regulations regarding plumbing, water supply, gas supply, and drainage systems, fixtures, and appliances; pipe work in connection with oil burning equipment, air conditioning and boiler installations, fire lines, and sprinkler systems.

Thorough knowledge of effective practices concerning the installation, operation, and maintenance of sanitary plumbing, water supply and gas supply systems.

Ability to read and interpret blueprints, plans, drawings and diagrams, and determine conformance with established standards.

Ability to read, understand, explain, and apply regulations.

Ability to make highly technical inspections and render valid decisions.

Ability to enforce regulations tactfully, firmly, and impartially.

Ability to supervise and instruct subordinates.

Ability to establish and maintain effective working relationships with other employees, agencies, and the public.

Ability to use appropriate computer software in analysis, calculations, and record keeping.

Ability to testify effectively in court and before related boards.

Ability to prepare clear and concise records, reports, correspondence, and other documentation.

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Ability to complete forms legibly and accurately.

#### **MINIMUM REQUIREMENTS (reflect the current South Florida Building Code)**

A master Plumber having held a certifications by the Miami-Dade County Constructions Trades Qualifying Board for a period of at least 5 years and having 5 years of field experience under that certification; **OR**

A State Certified Plumbing contractor having held a certification by the Florida Construction Industry Licensing Board for a period of at least 5 years and having 5 years of field experience under that license; **OR**

A Florida Licensed Professional Engineer having obtained a license pursuant to examination in the mechanical discipline and having had 5 years of field experience under that license.

Attain Provisional Plumbing Inspector and Plans Examiner certification from the Florida Board of Code Administrators and Inspectors within ninety (90) days of appointment

Attain Standard Plumbing Inspector and Plans Examiner certification from the said board within twelve (12) months of appointment.

#### **PHYSICAL REQUIREMENTS**

Must have the use of sensory skills in order to effectively communicate and interact with other employees and the public through the use of the telephone and personal contact. Physical capability to effectively use and operate various items of office related equipment, such as, but not limited to, word processor, calculator, copier, and fax machine. Some standing, walking, moving, climbing, bending, kneeling, crawling, and reaching. Must have the physical ability to bend, crawl, and climb over construction sites, and within buildings. Must be able to drive an automobile and perform on-site inspections at locations which may not be accessible to the physically handicapped.

#### **SUPERVISION RECEIVED**

General and specific assignments are received. Work is performed with wide latitude for the use of independent judgement. Work is reviewed and evaluated through verbal and written reports.

#### **SUPERVISION EXERCISED**

Assigns and directs the work of inspectors. May direct the work of clerical assistants.

Rev. 2/98 (minimum req.)